2001 Dual-Fuel

Clean Cities Conference Philadelphia, PA

> Mark Hunsberger LNG / CNG Manager Power Systems Associates

619 698-7993 mhunsberger@catpower.com



2001 Dual Fuel Products

- 7- Liter 3126B190 and 250 HP
- 10- Liter C-10305 HPStop-n-Go Configuration Available
- 12 Liter C-12410 HP



Dual-Fuel Order Window

- Two Paths For Customer
 Direct OEM Install Freightliner
 Local Dealer Install
- Follow Chassis OEM Order Window
- Timing of Fuel Station Is Critical If Dealer Installed, we can time your Dual-Fuel activation to coincide with your fuel station commissioning



Market Segment Example

Refuse Fleets

Multiple Chassis Availability

Peterbilt 320

Freightliner Condor

Crane Carrier



Market Segment Example

Refuse Fleets

Service Diversity - Duty Cycles

Front Loaders

Rear Loaders

Side Loaders (Stop-n-Go)

Rolloffs

Bin Delivery

Transfer Truck

Fuel Diversity -

CNG or LNG



Typical Refuse Fleet Profile

TAORMINA INDUSTRIES52 Units Currently In Service

- Front Loaders -3126B 250 HP (3 Axles)C-10 305 HP (4 Axles)
- Automated Side Loaders
 3176B (10 Liter) 275 HP (older)
 3126B (7 Liter) 250 HP (newer)
- Roll-0ffs C-10 305 HP (newer)



Typical Refuse Fleet Profile

TAORMINA Industries Vehicle Diversity (continued)

- Transfer RigsC-12 410 HP
- Bin Delivery -3126B 190 HP
- Mini-Automated Side Loaders
 3126B 250 HP
 Shortened 150-inch Wheelbase





4-Axle Front Loader - 97 Gal LNG (Right Side)









LNG Truck Components

PSA Is The Distributor of Chart LNG Tanks





LNG Truck Components

PSA is the Distributor of Amerex Methane Detection



